

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/591,047  
Source: 1 FWP  
Date Processed by STIC: 9/8/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

## RAW SEQUENCE LISTING

DATE: 09/08/2006

PATENT APPLICATION: US/10/591,047

TIME: 13:52:54

Input Set : A:\PN0411SeqList\_PCT.ST25.txt

Output Set: N:\CRF4\09082006\J591047.raw

3 <110> APPLICANT: GE Healthcare AS  
 4 Lovhaug, Dagfinn  
 6 <120> TITLE OF INVENTION: Pharmaceutical compounds  
 8 <130> FILE REFERENCE: PN0411  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/591,047  
 C--> 10 <141> CURRENT FILING DATE: 2006-08-29  
 10 <150> PRIOR APPLICATION NUMBER: NO 20040953  
 11 <151> PRIOR FILING DATE: 2004-03-04  
 13 <160> NUMBER OF SEQ ID NOS: 8  
 15 <170> SOFTWARE: PatentIn version 3.3  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 10  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Artificial sequence  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Synthesised peptide  
 26 <220> FEATURE:  
 27 <221> NAME/KEY: Misc\_feature  
 28 <222> LOCATION: (1)..(1)  
 29 <223> OTHER INFORMATION: Any amino acid  
 31 <220> FEATURE:  
 32 <221> NAME/KEY: Misc\_feature  
 33 <222> LOCATION: (2)..(2)  
 34 <223> OTHER INFORMATION: Arg, N-acylated Arg or a mimetic thereof  
 36 <220> FEATURE:  
 37 <221> NAME/KEY: Misc\_feature  
 38 <222> LOCATION: (8)..(8)  
 39 <223> OTHER INFORMATION: Gly, Phe or an amino acid containing an aromatic or aliphatic  
 40 side-chain  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: Misc\_feature  
 44 <222> LOCATION: (9)..(9)  
 45 <223> OTHER INFORMATION: Pro, Arg, His, Ala, Phe, Glu, Leu, Val, Ile, Met, Trp, Asp or  
 Lys  
 47 <220> FEATURE:  
 48 <221> NAME/KEY: Misc\_feature  
 49 <222> LOCATION: (10)..(10)  
 50 <223> OTHER INFORMATION: Pro, Arg, His, Ala, Phe, Glu, Leu, Val, Ile, Met, Trp, Asp or  
 Lys  
 52 <400> SEQUENCE: 1  
 W--> 54 Xaa Xaa Val Tyr Ile His Pro Xaa Xaa Xaa  
 55 1 5 10  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 10

Does Not Comply  
Corrected Diskette Needed

see pp 3,5

60 <212> TYPE: PRT

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Input Set : A:\PN0411SeqList\_PCT.ST25.txt

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61 <213> ORGANISM: Angiotensin I sequence (what is its source?)  
 63 <400> SEQUENCE: 2  
 65 Gly Arg Val Tyr Ile His Pro Phe His Leu  
 66 1 5 10  
 69 <210> SEQ ID NO: 3  
 70 <211> LENGTH: 10  
 71 <212> TYPE: PRT  
 C--> 72 <213> ORGANISM: Artificial sequence  
 W--> 74 <220> FEATURE:  
 W--> 74 <223> OTHER INFORMATION: see P.5 for error explanation  
 W--> 74 <400> 3  
 76 Gly Arg Val Tyr Ile His Pro Ile His Leu  
 77 1 5 10  
 80 <210> SEQ ID NO: 4  
 81 <211> LENGTH: 9  
 82 <212> TYPE: PRT  
 C--> 83 <213> ORGANISM: Artificial sequence  
 86 <220> FEATURE:  
 87 <221> NAME/KEY: MISC\_FEATURE  
 88 <222> LOCATION: (7)..(7)  
 89 <223> OTHER INFORMATION: Amino acid in position 7 is Bip 2-amino-3-biphenyl propionoc acid  
 91 <400> SEQUENCE: 4  
 W--> 93 Arg Val Tyr Ile His Pro Xaa His Leu  
 94 1 5  
 97 <210> SEQ ID NO: 5  
 98 <211> LENGTH: 10  
 99 <212> TYPE: PRT  
 100 <213> ORGANISM: Artificial sequence  
 102 <220> FEATURE:  
 103 <223> OTHER INFORMATION: Synthesised peptide  
 106 <220> FEATURE:  
 107 <221> NAME/KEY: MISC\_FEATURE  
 108 <222> LOCATION: (8)..(8)  
 109 <223> OTHER INFORMATION: Amino acid in position 8 is Bip 2-amino-3-biphenyl propionic acid  
 111 <400> SEQUENCE: 5  
 W--> 113 Gly Arg Val Tyr Ile His Pro Xaa His Leu  
 114 1 5 10  
 117 <210> SEQ ID NO: 6  
 118 <211> LENGTH: 10  
 119 <212> TYPE: PRT  
 120 <213> ORGANISM: Artificial sequence  
 122 <220> FEATURE:  
 123 <223> OTHER INFORMATION: Synthesised peptide  
 126 <220> FEATURE:  
 127 <221> NAME/KEY: MISC\_FEATURE  
 128 <222> LOCATION: (8)..(8)  
 129 <223> OTHER INFORMATION: Amino acid in position 8 is Hph 2-amino-4-phenyl butanoic acid  
 131 <400> SEQUENCE: 6  
 W--> 133 Gly Arg Val Tyr Ile His Pro Xaa His Leu

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Input Set : A:\PN0411SeqList\_PCT.ST25.txt

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```
134 1          5          10
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 10
139 <212> TYPE: PRT
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Synthesised peptide
146 <220> FEATURE:
147 <221> NAME/KEY: MISC_FEATURE
148 <222> LOCATION: (8)..(8)
149 <223> OTHER INFORMATION: Amino acid in position 8 is Phg 2-amino-2-phenyl acetic acid
151 <400> SEQUENCE: 7
W--> 153 Gly Arg Val Tyr Ile His Pro Xaa His Leu
154 1          5          10
157 <210> SEQ ID NO: 8
158 <211> LENGTH: 8
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Angiotensin II sequence
165 <400> SEQUENCE: 8
167 Asp Arg Val Tyr Ile His Pro Phe
168 1          5
```

RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/10/591,047

DATE: 09/08/2006  
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Input Set : A:\PN0411SeqList\_PCT.ST25.txt

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*FYI*  
Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,8,9,10

Seq#:4; Xaa Pos. 7

Seq#:5; Xaa Pos. 8

Seq#:6; Xaa Pos. 8

Seq#:7; Xaa Pos. 8

Use of <220> Feature(NEW RULES):

*error explanation*  
 Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3,4

## VERIFICATION SUMMARY

DATE: 09/08/2006

PATENT APPLICATION: US/10/591,047

TIME: 13:52:55

Input Set : A:\PN0411SeqList\_PCT.ST25.txt

Output Set: N:\CRF4\09082006\J591047.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:72 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:74 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>  
ORGANISM:Artificial Sequence  
L:74 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>  
ORGANISM:Artificial Sequence  
L:74 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:74  
L:83 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0